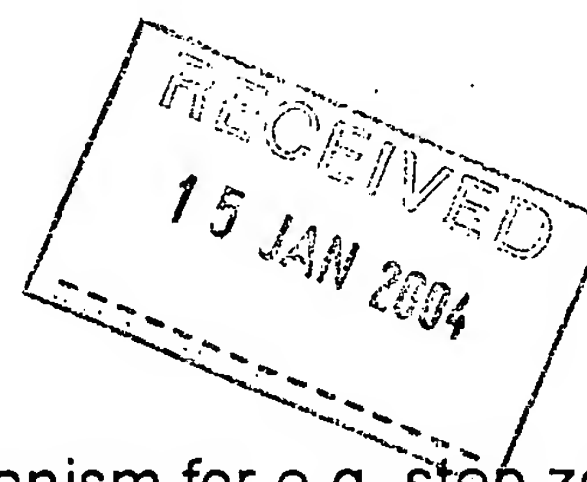




PN - JP10239735 A 19980911
 PD - 1998-09-11
 PR - JP19970045919 19970228
 OPD - 1997-02-28
 TI - FINDER PROVIDED WITH MECHANISM FOR COMPENSATING
 DIOPTER
 IN - KOBAYASHI HIDEO
 PA - FUJI PHOTO OPTICAL CO LTD
 IC - G03B13/12

WPI / DERWENT



TI - Viewfinder with dioptr correction mechanism for e.g. step zoom system camera - has plate cam with two cam grooves to move two lens groups by interlocking to photographic lens and maintain dioptr of viewfinder according to distance of object

PR - JP19970045919 19970228

PN - JP10239735 A 19980911 DW199847 G03B13/12 007pp

PA - (FUOP) FUJI PHOTO OPTICAL CO LTD

IC - G03B13/12

AB - J10239735 The viewfinder includes a first and second moving lens group which are supported in the optical path of a viewfinder optical system. A focus adjuster moves a photographic lens back and forth according to the object to adjust the focus. An interlocking mechanism restricts the position of the moving lenses by interlocking to the focus adjuster.

- A plate cam (80) interlocks to the driving system of the photographic lens. The plate cam has a first cam groove (82) to which the following pin of the first moving lens group engages, and a second cam groove (84) to which the following pin of the second moving lens group engages. When focusing operation is performed, the dioptr of the viewfinder is maintained stably by driving the moving lens groups with the photographic lens according to the distance of the object through the plate cam.
- ADVANTAGE - Enables correction of dioptr difference between short and far distances. Enables observation of satisfactory viewfinder image at any time.
- (Dwg.6/6)

OPD - 1997-02-28

AN - 1998-546244 [47]

PAJ / JPO



- PN - JP10239735 A 19980911
- PD - 1998-09-11
- AP - JP19970045919 19970228
- IN - KOBAYASHI HIDEO
- PA - FUJI PHOTO OPTICAL CO LTD
- TI - FINDER PROVIDED WITH MECHANISM FOR COMPENSATING
DIOPTER
- AB - PROBLEM TO BE SOLVED: To provide a finder provided with a
mechanism for compensating diopter that can correct diopter
difference between short and long distances by moving the
movable lens of a finder optical system linking with focusing
operation.
- SOLUTION: As to what is called a step zoom system camera
performing zooming and focusing with one cam member, a first cam
groove 82, with which the follower pin of the first movable lens
group of the finder optical system is engaged and a second cam
groove 84 with which the follower pin of a second movable lens
group is engaged are formed on a plate cam 80 driven linked with
the driving system of a photographic lens. A cam area (3) for
compensating diopter is formed along a position B on a
closest-distance side from the position A of the first and the second
movable lens groups, which corresponds to the position at infinity
(∞) of a telephotographic end, and the first and the second
movable lens groups are extended at the focusing area on the
telephotographic end. Thus, the diopter can be kept to about -1D
with respect to a subject at the short distance.
- I - G03B13/12